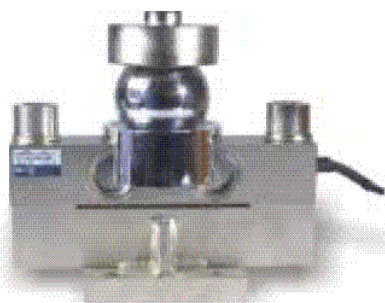




RoHS

LOAD CELL HM9B



Alloy steel, nickel-plated, welding-sealed.
Suitable for vehicle scales, track scales and other electronic weighing devices.

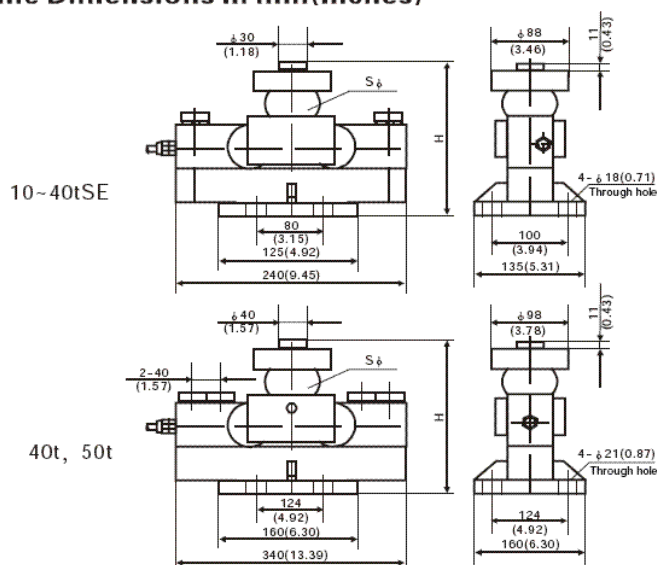
Capacity	Accuracy	Part number
10t	C3	HM9B-C3-10t-12B
20t	C3	HM9B-C3-20t-12B
25t	C3	HM9B-C3-25t-12B
30t	C3	HM9B-C3-30t-12B
40tSE	C3	HM9B-C3-40tSE-12B
40t	C3	HM9B-C3-40t-12B
50t	C3	HM9B-C3-50t-12B

Specifications

Accuracy Class	OIML R60 C3	Temperature effect on zero (%FS/10°C)	0.017
Rated output (mV/V)	2.0 ± 0.002	Temperature, Compensated (°C)	-10~+40
Combined error (%FS)	0.02	Temperature, Operating (°C)	-35~+65
Non-linearity (%FS)	0.017	Excitation, Recommended (V)	5~12(DC)
Non-repeatability (%FS)	0.02	Excitation, Max.(V)	18(DC)
Creep (%FS/30min)	0.02	Safe Overload (%FS)	150
Input Resistance (Ω)	700 ± 7	Ultimate Overload (%FS)	300
Output Resistance (Ω)	700 ± 7	Protection Class	IP 68
Insulation Resistance ($M\Omega$)	≥ 5000 (50VDC)	Cable Length (m)	12
Zero Balance (%FS)	1.5	Cable spec	4-wire shielded cable
Temperature effect on span (%FS/10°C)	0.014	Remark	With load button, steel ball, cup.

Connections Red Input(+) Black Input(-) Green Output(+) White Output(-) Transparence (Shield)

Outline Dimensions in mm(inches)



Dimensions Capacity	H	$S \phi$
10t	195 (7.68)	50 (1.97)
20t~40tSE	225 (8.86)	76 (2.99)
40t, 50t	261 (10.28)	82 (3.22)